PTO/SB/05 (08-03)
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UTILITY		Attorney Docket No.		YOR920030530US1 CBLH/20140-00316-US			
PATENT APPLICATION	First In	First Inventor		Katherine Saeger et al.			
TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1,53(b))	Title	FIELD FEFECT TRANSISTOR WITH ETCHED					
	Expres	s Mail Label No.					
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application co.	ntents.	ADDRESS T	O: Comm	nissioner Box 1450	plication for Patents A 22313-1450		
1. X Fee Transmittal Form (e.g., PTO/SB/17)					, large table or		
(Submit an original, and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27.		Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission					
3. X Specification [Total Pages 20	0 1	(if applicable, a. Comp	, <i>all necessar</i> uter Readabl	• •	CRF)		
(preferred arrangement set forth below) Descriptive title of the invention Cross Reference to Related Applications Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure		9. Assignm	CD-ROM or ments verifyin	CD-R (2 in gidentity in gidenti			
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets]	5 <u></u> 1	11. English	Translation D	ocument	(if applicable)		
5. Oath or Declaration [Total Sheets]	Stateme	ion Disclosur nt (IDS)/PTO	-1449	X Copies of IDS Citations		
a. Newly executed (original or copy)	3. Preliminary Amendment Return Receipt Postcard (MPEP 503)						
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. X Application Data Sheet. See 37 CFR 1.76		15. (Should 15. Certified (if foreign Nonpubl	be specificali Copy of Prio priority is claim ication Requi	ly itemize rity Docu ed) est under	d) .		
18. If a CONTINUING APPLICATION, check appropriate box,	and suppl	ly the requisite inform	nation below	and in the	first sentence of the		
Specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Continuation Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.							
		NDENCE ADDRE		the subm	itted application parts.		
X Customer Number: 30678		OR		rresponde	ence address below		
Name							
Address							
City Sta	ite		Zip	Code			
Country Tel	lephone			Fax			
Name (Print/Type) Matthew J. Mason		Registration N	o. (Attorney/A	Agent)	44,904		
Signature 9 Muttin 9 Mm Date 12/10/03							



PTO/SB/17 (10-03)
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FEE TRANSMITTAL for FY 2004			Complete if Kn wn						
			ation	Numbe	er Not Yet Assigned				
			Date		Concurrently Herewith				
					ntor Katherine L. Saenger et al.				
Effective 10/01/2003, Patent fees are subject to annual revision.	[Exami	ner Na	ame	Not Yet Assigned				
Applicant claims small entity status. See 37 CFR 1.27		Art Un	it		N/A				
TOTAL AMOUNT OF PAYMENT (\$) 986.00	YOR920030545US1 Attorney Docket No. 20140-00316								
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)								
Check Card Money Other None	3. ADDITIONAL FEES								
	Large	Entity	Small	Entity					
Deposit Account 50-0510	Fee	Fee	Fee	Fee	Fee Description				
Number	Code	(\$)	Code	(\$)	Fee Paid				
Deposit Account IBM CORPORATION	1051	130	2051	65	Surcharge – late filing fee or oath				
Name (YORKTOWN) The Director is authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.				
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	 				
					Non-English specification				
X Charge any additional fee(s) or any underpayment of fee(s)	1812	2,520	1812		For filing a request for ex parte reexamination				
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920	Requesting publication of SIR prior to Examiner action				
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after				
FEE CALCULATION	1251	110	2251	55	Examiner action Extension for reply within first month				
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month				
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month				
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month				
1001 770 2001 385 Utility filing fee 770.00	1255	2,010	2255	1,005	Extension for reply within fifth month				
1002 340 2002 170 Design filing fee	1401	330	2401		Notice of Appeal				
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal				
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing				
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 770.00		110	2452	55	Petition to revive – unavoidable				
(4)	1453	1,330	2453		Petition to revive - unintentional				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from	1501	1,330	2501		Utility issue fee (or reissue)				
Claims below Fee Paid	1502	480	2502	240	Design issue fee				
Total Claims 32 -20** = 12 x 18 = 216.00 Independent 22 22 22 22 22 22 22 22 22 22 22 22 22	1503	640	2503		Plant issue fee				
Claims 2 -3** = 0 x 0 = 0.00	1460	130	1460	130	Petitions to the Commissioner				
Multiple Dependent =	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)				
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt				
Fee Fee Fee Code (\$) Fee Description	8021	40	8021	40	Recording each patent assignment per property (times number of properties)				
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a submission after final rejection				
1201 86 2201 43 Independent claims in excess of 3					(37 CFR 1.129(a)) For each additional invention to be				
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	examined (37CFR 1.129(b))				
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	Request for Continued Examination (RCE) Request for expedited examination				
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	of a design application				
and over original patent	Other	Other fee (specify) 1205 Reissue claims in excess of 20 and over							
SUBTOTAL (2) (\$) 216.00	*Red	educed by Basic Filing Fee Paid SUBTOTAL (3) (5)							
**or number previously paid, if greater; For Reissues, see above									
SUBMITTED BY (Complete (if applicable))									
Name (Print/Type) Matthew J. Mason Registration No. (Attorney/Agent) 44,904 Telephone (202) 331-7111									
1.5									
Signature VIII G Mar					Date /2//0/03				

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REPLY TO Washington DC Office

December 10, 2003

Robert M. Trepp, Esq.
IBM Corporation
T.J. Watson Research Center
P.O. Box 218
Yorktown Heights, New York 10598

VIA FACSIMILE

(Enclosures mailed w/confirmation copy)

Re:

New U.S. Patent Application

Title: FIELD EFFECT TRANSISTOR WITH ETCHED-BACK GATE

DIELECTRIC

Appl. Ser. No. Not Yet Assigned, filed December 10, 2003

Inventor: Saenger et al.

Your Ref: YOR920030530US1; Our Ref: 20140-00316

Dear Bob:

We are pleased to report the filing of the above-identified patent application in the U.S. Patent and Trademark Office on December 10, 2003. A copy of the application and its accompanied documents as filed are enclosed for your records.

Upon receipt of the notification of the unofficial application serial number and in anticipation of receiving a Notice to File Missing Parts, we shall prepare and forward to you an Associate Power of Attorney (for your signature) and a Declaration/Power of Attorney and an Assignment for execution by the inventors.

As you know there is a continuing duty of disclosure as imposed under U.S. law to disclose all known prior art and other information that may be considered "material to patentability". Copies of such information must be provided to the U.S. Patent and Trademark Office. Therefore, please send us copies or complete identifications (including dates of publication) if you have not already done so. We will then file an appropriate Supplemental Information Disclosure Statement in the U.S. Patent and Trademark Office.

Robert M. Trepp, Esq. December 10, 2003 Page 2

As soon as we receive any communication from the U.S. Patent and Trademark Office you shall be notified. In the meantime, if you have any questions or concerns, please do not hesitate to contact us.

Sincerely,

CONNOLLY BOVE LODGE & HUTZ LLP

Multo 9 MM Matthew J. Mason

MJM/dst Enclosures

cc: Katherine L. Saenger (Application)